

ABSTRACT

A high-strength hot-rolled steel sheet excellent in shape fixability having ferrite or bainite as the phase of the largest volume percentage, satisfying all of the following at least at 1/2 sheet thickness: a mean value of X-ray random intensity ratio in the orientation component group of  $\{100\}\langle 011 \rangle$  to  $\{223\}\langle 110 \rangle$  to X-ray random diffraction intensity ratio of at least 2.5; a mean value of X-ray random intensity ratio in the three crystal orientation components of  $\{554\}\langle 225 \rangle$ ,  $\{111\}\langle 112 \rangle$ , and  $\{111\}\langle 110 \rangle$  to X-ray random diffraction intensity ratio of 3.5 or less; an X-ray intensity ratio to X-ray random diffraction intensity ratio at  $\{100\}\langle 011 \rangle$  of at least the X-ray random intensity to X-ray random diffraction intensity ratio at  $\{211\}\langle 011 \rangle$ ; and an X-ray random intensity ratio to X-ray random intensity ratio diffraction intensity ratio at  $\{100\}\langle 011 \rangle$  of at least 2.5, having at least one of an r-value of the rolling direction and an r-value of a direction perpendicular to the rolling direction of not more than 0.7, having an anisotropy  $\Delta uE1$  of uniform elongation of not more than 4%, having an anisotropy  $\Delta LE1$  of local elongation of at least 2%, and having an  $\Delta uE1$  of not more than the  $\Delta LE1$ .